California Oil Company owns 100% Interest in this well.

2-13-70 Subsequent Report of Converting to Water Injector

Shut In Observation Shell

FILE NOTATIONS

Entered in N I D File ✓
Entered On S R Sheet
Location Map Pinned ✓
Card Indexed ✓
I W R for State or Fee Land

Checked by Chief PMB
Copy N I D to Field Office
Approval Letter In Unit
Disapproval Letter

COMPLETION DATA:

Date Well Completed 4-14-65
OW WW TA
GW OS PA

Location Inspected
Bond released
State of Fee Land

LOGS FILED

Driller's Log 6-11-65
Electric Logs (No.) 3
E I ✓ S-I GR GR-N Micro
Lat Mi-L Sonic Others Perforating Depth Control, Radioactive Tracer Log (Aup)

Form 9-331 C
(May 1963)

SUBMIT IN T CATE*
(Other instruc. s on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [ ] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Belco Petroleum Corporation

3. ADDRESS OF OPERATOR
304 Main Street, Room 1, Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1691' FSL, 1923' FWL Sec. 3

At proposed prod. zone
SW NE SW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.
U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
White River

8. FARM OR LEASE NAME

9. WELL NO.
33-3

10. FIELD AND POOL, OR WILDCAT
White River Extn.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3-8S-22E SLB&M

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 5800'	20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5116' Gr., 5128' KB

22. APPROX. DATE WORK WILL START*
March 31, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	8-5/8"	24.00	350	260
7-7/8	5-1/2"	14.00	5800	100

We propose to drill a well at the above location to test the Green River Formation to a depth of 5800'.

All oil and gas shows will be tested and, if commercial production is encountered, production casing will be run and cemented with sufficient cement to protect all pay zones and any flowing water zones.

Anticipated spud date: March 31, 1965.

Verbal approval by Mr. Rodney Smith, March 29, 1965.

cc: USGS - 3, UOGCC - 2, NY - 2, CALCO - 2, File - 2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED A. Frisch TITLE District Superintendent DATE 4-1-65

(This space for Federal or State office use)

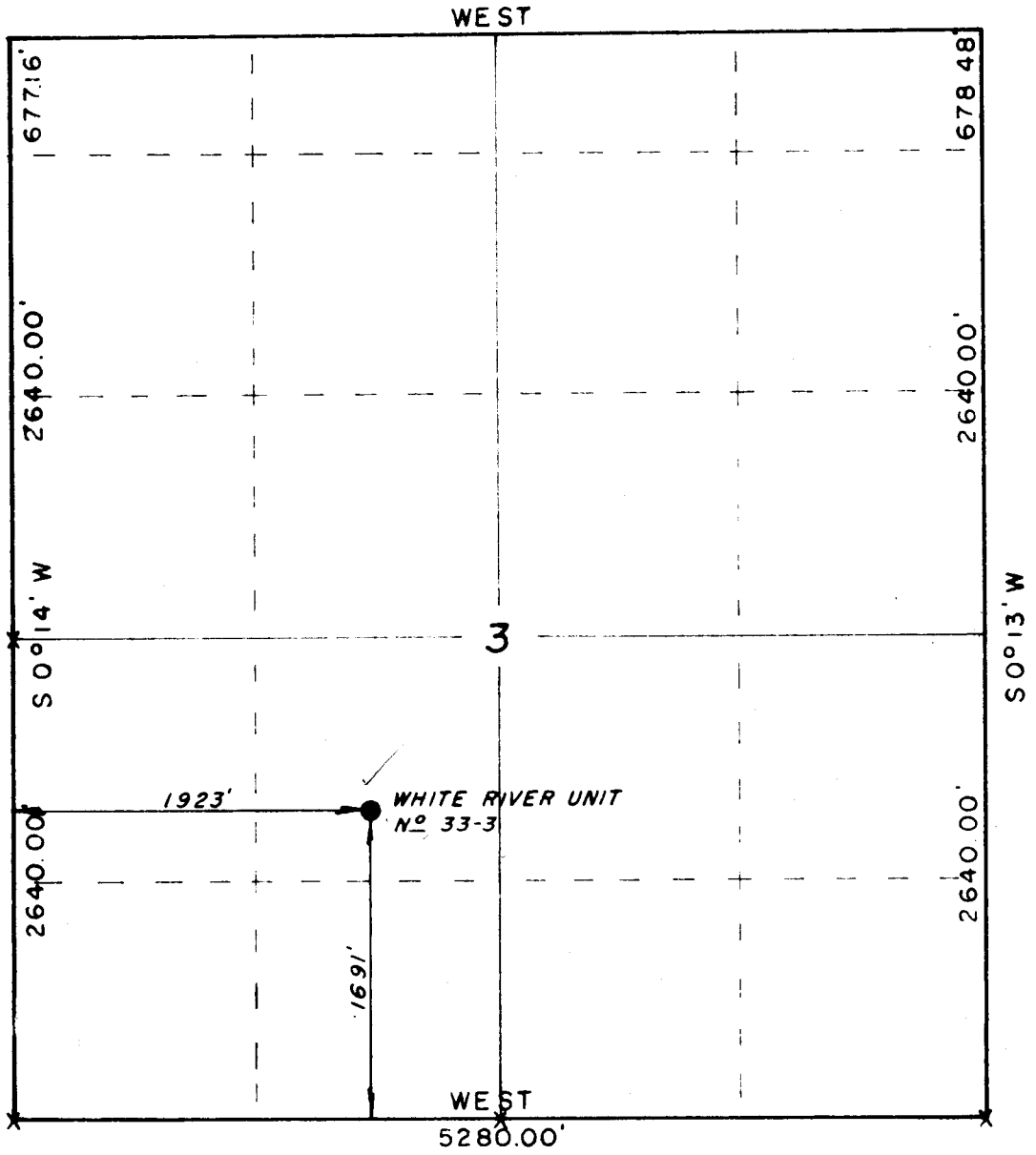
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R22E, SLB&M



X = Corners Located (brass caps)

Scale: 1" = 1000'

UINTAH ENGINEERING
& LAND SURVEYING
P. O. Box 330
Vernal Utah

This is to certify that the above plat was prepared from fie notes of actual surveys made by me or under my supervis and that the same are true and correct to the best of my kn ledge and belief.

Nelson J. Marshall
Registered Land Surveyor
Utah Registration No. 2454

PARTY
Gene Stewart
Tom Wardell

WEATHER Cloudy-Cold

SURVEY
BELCO PETROLEUM CORP
WELL LOCATION WHITE-RIVER UNIT NO 33, LOCATED AS SHOWN IN THE NE1/4, SW1/4, SEC 3, T8S, R22E, SLB&M, UINTAH COUNTY, UTAH

DATE 25 March 1965
REFERENCES
GLO Township plat
Approved 5/19/1945
FILE BELCO

M 5203

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE [redacted]
LEASE NUMBER
UNIT WHITE RIVER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County UINTAH Field WHITE RIVER

The following is a correct report of operations and production (including drilling and producing wells) for the month of MARCH, 19 65,

Agent's address 304 Main Street
Grand Junction, Colo.
Phone 242-7202

Company BELCO PETROLEUM CORPORATION
Signed ORIGINAL SIGNED BY A. FRISCH
Agent's title District Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
3 SWSW	8S	22E	29							TD 5932', PB 5837'. 5-1/2" 14.00# J-55 Casing set at 5914' w/350 sx. pozmix cement w/10% salt and 1% CFR-1. Completed 3-24-65.
4 SWSW	8S	22E	31							TD 5811', PB 5580', WSCC. Spud 3-14-65. Set 8-5/8" 24.00# J-55 Casing @ 292' w/160 sacks regular cement w/2% CaCl2. Set 4-1/2" 10.50# J-55 Casing at 4587' KB with 150 sacks pozmix "A" w/2% gel, 10% salt (by water), .1 of 1% FIC.
3 NENW	8S	22E	33							PTD 371'. Spud 3-31-65. Set 8-5/8" 24.00# J-55 Casing at 361' w/285 sacks cement w/2% HA-5.

cc: 2 - USGS
2 - USGCC
2 - MT
4 - Conoco, Durango
1 - Gulf, Casper
2 - Calcoil (Vernal, Denver)
1 - Pullin
1 - DCH
2 - File

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

U.S. GOVERNMENT PRINTING OFFICE: 1954—O-720-784

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE UTAH
LEASE NUMBER
UNIT WHITE RIVER

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH *County* UINTAH *Field* WHITE RIVER

The following is a correct report of operations and production (including drilling and producing wells) for the month of APRIL, *19*65,

Agent's address P. O. Box 1964
Grand Junction, Colo.
Phone 242-7202

Company BELCO PETROLEUM CORP.
Signed ORIGINAL SIGNED BY A. FRISCH
Agent's title District Superintendent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
4 [illegible]	8S	22E	31		TD 5811', PB 5580'. 2-3/8" 4.6# J-55 Tubing @ 4487.66'. Perf. 4459-61', 4 jets/ft. Acidized w/500 gal. 15% MCA. Swabbed and well began flowing. Killed well w/salt water. Perf. 4472-75', acidized w/250 gal. 15% MCA, swabbed well in. Released rig 4-4-65.					
3 NENW	8S	22E	33-3		TD 5942'. 5-1/2" Casing @ 5918.36' w/350 sx. Rig released 4-17-65. Perf. w/tandem radial jets @ 5769', acidized w/500 gal. 15% MCA. Swabbed water w/tr. oil. Sq. w/50 sx. cement. Perf. @ 5813' w/tandem radial jets, spotted acid across perfs., swabbed water w/tr. oil. Set packer @ 5800', fraced w/20,380 gal. water, 15,000# 20-40 sand, 1,000# 8/12 beads, 4315 gal. 15% HCl, 450# WAC-8, 50# FR-2, 50 gal. HC-2. Average Inj. Press. 3300-3400#, Max. 3700#, Ave. Inj. Rate 18.5 bpm. Swabbed 250 bbls. frac water w/tr. oil.					

cc: 2 - USGS
2 - UOGCC
2 - NY
1 - Conoco, Durango
2 - Gulf, Casper
2 - CalOil (Vernal, Denver)
1 - Pullin
1 - DCB
2 - File

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Belco Petroleum Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1964, Grand Junction, Colorado 81502

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1691' FSL, 1923' FWL, Sec. 3
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: White River

8. FARM OR LEASE NAME:

9. WELL NO.: 33-3

10. FIELD AND POOL, OR WILDCAT: White River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 3-8S-22E SLB&M

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3-31-65	4-14-65	5-6-65 (Temp.Susp.)	5116' Gr., 5128' KB	5116'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5938'	5887'		→	0-5938'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5808-5834' Green River

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: IES, Micro-Caliper, Gamma Correlation, Tracer

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0	361'	13-3/4	285 sx. w/2% HA-5	None
5-1/2"	14.0	5918'	7-7/8"	350 sx. w/10% Salt	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (*Interval, size and number*)
5769' 1/2" 8 holes (Squeezed)
5813' 1/2" 8 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5769'	Acid. w/500 gal. 15% HCl.
	Sq. w/50 sx. cement.
5813'	Acid. w/500 gal. 15% HCl.
	Fraced w/3% acid, 15,000# 20-40 Sd., 1000# 8-12 Beads

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
	Swabbing	Shut in (Observation well)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-3-65	10			Trace	Trace	240	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			Trace	Trace	576	

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
1. Sample Description

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED _____ TITLE District Superintendent DATE 5-11-65

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	4166'	4190'	DST #1 4168-4212': IH 2054, ISI 1779/30 min., IF 315, FF 725/93 min. FSI 1779/90 min., FH 2041. Rec. 90' muddy wtr, 2075' fresh wtr. 100°.
Green River	5806'	5834'	DST #2 5686-5735' (Mis-set): IH 2777, ISI 2207/50 min.,IF 251, FF 283/60 min., no FSI. Re-set 5790-5839': IH 2871, ISI 1454/46 min., IFP 305, FF 345/57 min., FSI 1409/118 min., FH 2855. 139°. Rec. 645' fluid--315' mud, 330' SL. WCM.
Green River	5755'	5782'	DST #3 5735-5782': IH 2830, ISI 2293/46 min., IF 84, FF 228/86 min., FSI 2235/123 min., FH 2771. Rec. 470' fluid--200' Sl. GCM, 270' GCM, sl. WC w/scum oil. 140°.
Green River	4744'	4754'	DST #4 4738-4765': IH 2339, ISI 1971/42 min., IF 284, FF 657/58 min., FSI 1947/88 min., FH 2236. Rec. 1500' MCW @ top w/scum oil. 127°.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Green River	2605'	
Wasatch	5931'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

WHITE RIVER UNIT #33-3

Completion History

A completion unit was moved in on 4-21-65. A correlation log was run and the casing was perforated at 5789' with tandem radial jets. The zone was acidized with 500 gal. 15% MCA with breakdown of 1300#, bled to 400# 5 min. after S.I. Swabbed 5 bph water (65,000 ppm salt) w/trace oil. Squeezed to 2800 psi w/50 sacks cement with 3/4 of 1% Halad-9, 2% $CaCl_2$. Drilled cement and press. to 800# with no bleed-off.

Perforated 5813' w/tandem radial jets. Set packer at 5780'. Acidized w/500 gal. 15% MCA with breakdown of 3000#, bled to 400# 5 min. after S.I. Swabbed and recovered 1 bph water w/trace oil. Water resistivity 0.17 @ 68°. Ran cobalt tracer and found fluid going in perfs. at 5813' and covering entire sand.

Set packer at 5800' and fraced with 20,380 gal. weak acid, 15,000# 20-40 sand, 1000# 8-12 beads. Ave. Inj. Rate 18.5 bpm @ 3300#. ISI 800#, 15 min. 400#.

Found sand at 5818' and cleaned out to 5860'. Swabbed frac fluid plus 340 bbl. water w/trace oil. Res. of water 0.13 @ 78° .

Laid down packer and tubing. Released rig on 5-4-65 with operations temporarily suspended.

Possibly could be water other than formation water. HC

BELCO PETROLEUM CORPORATION
BIG PINEY DISTRICT
APRIL 27, 1965

WHITE RIVER #33-3
1691' FSL & 1923' FWL
Section 3, T8S, R22E
Uintah County, Utah

NO SAMPLE LAG

FROM	TO	LITHOLOGY
		GREEN RIVER FORMATION
4100'	4140'	Sh (95%) gy, gygn & brn, firm, brit, dol in pt, sdy in mnr pt
4140'	4160'	Sh (80%) as abv; ss (20%) lt gy, vf-f, sbang-sbrd, cln-sl cly, sl calc, fr por in pt, mnr accy mnrls, scat O stn, p fluor, g cut
4160'	4170'	Sh (85%) as abv/scat O sh, tr carb mat; ss (15%) lt gy, vf, sbang-sbrd, well cons, pred tt, calc, cly, scat O stn, p fluor & cut
4170'	4180'	Pred sh as abv
4180'	4200'	Sh (70%) as abv; ss (30%) lt gy, f, sbang-sbrd, cons-lse, friab, pred cln, fr srt, sl calc, g por, mnr accy mnrls, scat O stn/wk fluor & g cut
4200'	4210'	Pred sh as abv/scat ss as abv
4210'	4220'	Pred slough after DST
4220'	4230'	Sh (90%) as abv; ss (10%) lt gy, f, sbang-sbrd, cons, friab in pt, fr por, scat O stn, p fluor, g cut
4230'	4250'	Sh (40%) as abv, pred gy; sltst (60%) gy, cons, v cly, scat carb mat, scat pyr, NOSCOF
4250'	4270'	Sh (95%) as abv, pred lt tan, slty
4270'	4290'	Sh (30%) as abv; ss (70%) trnsl-lt gy, f, sbang-sbrd, cons-lse, friab, v cln, g por, wtr wet, wide scat O stn, p fluor, g cut
4290'	4300'	Sh (50%) as abv; ss (50%) as abv
4300'	4340'	Pred sh, brn, gy, olive gn/scat v col, firm, slty in pt, tr carb mat
4340'	4360'	Sh (90%) as abv; ss (10%) lt gy, vf-f, sbang-sbrd, cons-lse, friab, cln, wide scat O stn, p fluor, fr cut
4360'	4380'	Sh (60%) as abv; ss (40%) lt gy-yel brn, vf, sbang-sbrd, cons, friab-tt, cly filled in pt, p-fr por, cln in pt, sl calc, mnr accy mnrls, wide scat O stn/p fluor & fr cut; tr g yel fluor in tt ss

4380'	4400'	Sh (60%) pred gy/scat lt brn, slty in pt; ss (20%) as abv/abnt tt ss; sltst (20%) gy, cons, tt, calc, NOSCOF
4400'	4410'	Sh (50%) as abv; ss (30%) as abv; sltst (20%) as abv
4410'	4420'	As abv; ss friab-tt, cln-cly filled, wide scat O stn in cln ss, p fluor, fr cut
4420'	4450'	Sltst & sh (95%) gy, brn, gn/abnt v col, slty in pt; wide scat ss, gy-yel brn, vf, sbang-sbrd, cons, friab-tt, cln-cly filled, tr O stn, p fluor, fr cut
4450'	4460'	Sh (50%) as abv; ss (50%) lt gy-yel brn, vf, sbang-sbrd, cons, p red tt, calc-cly, scat O stn, p fluor, fr cut
4460'	4470'	Sh (60%) as abv; ss (20%) as abv; ss (20%) cream, vf, Ost, calc, tt, scat O stn, p fluor, fr cut
4470'	4480'	Sh (80%) as abv; ss (20%) as abv
4480'	4490'	Sh (40%) pred gy & brn, firm, brit in pt, sl calc; ss (60%) lt gy, vf, sbang-sbrd, cons, pred tt, cln in pt, calc in pt, tr O stn, p cut & fluor
4490'	4500'	Sh (50%) as abv; ss (50%) as abv
4500'	4510'	Pred slough after trip
4510'	4520'	Sh (80%) as abv; ss (20%) as abv
4520'	4530'	Sh (40%) as abv; ss (60%) dk gy-yel brn, slty-vf, sbang-sbrd, cons, tt-friab, drty, calc, tr O stn, p fluor & fr cut
4530'	4540'	Sh (10%) as abv; ss (90%) dk gy, slty-vf, sbang-sbrd, cons, tt, sl Ost, calc, p srt, drty, NOSCOF
4540'	4550'	Sh (70%) as abv; ss (30%) as abv
4550'	4570'	Sh (90%) pred brn & gy, hd, brit; ss (10%) as abv/scat cln ss
4570'	4590'	Sh (70%) as abv; ss (30%) lt tan-lt gy, slty-vf, sband-sbrd, cons, tt, calc, g yel fluor, p cut
4590'	4610'	Sh (30%) as abv; ss (70%) lt gy-lt tan, vf, sbang-sbrd, cons, hd & tt, calc, tr O stn/p fluor & cut
4610'	4620'	Sh (40%) as abv; ss (60%) m gy, vf, sbang-sbrd, cons, friab-tt, pred cln, scat dk accy mnrls, sl calc, NOSCOF
4620'	4630'	Sh (20%) as abv; ss (80%) as abv, 50% hd & tt
4630'	4680'	Sh (10%) as abv; ss (90%) gy-lt yel tan, vf, sbang-sbrd, cons, tt-sl friab, cln-calc, Ost in pt, scat dk accy mnrls, NOSCOF
4680'	4690'	Sh (50%) as abv; ss (50%) as abv

4690'	4770'	Pred sh, brn, gygn & gy, hd, sl calc, carb in pt; scat ss, brn-lt gy, slty-vf, cons, hd & tt, Ost in pt, p srt, calc, mnr accy mnrls, tr p yel fluor, p cut
4770'	478 0'	Sh (50%) as abv; ss (50%) lt tan-lt gy, vf-f, sbang-sbrd, cons, fr-p por, Ost, calc, 0 stn, p yel fluor, fr cut
4780'	4800'	Sh (60%) as abv; ss (40%) lt-lt tan, slty-vf, sbang-sbrd, cons, pred tt, Ost in pt, sl calc-calc, p-fr srt, scat p yel fluor, p cut, tr 0 stn
4800'	4810'	Sh (60%) as abv; ss (40%) lt yel tan, slty-vf, sbang-sbrd, cons, tt, p-fr srt, calc, sl Ost in pt, wide scat p yel fluor, p cut
4810'	4890'	Pred sltst & sh, brn, gy & gygn, hd, brit in pt, sl calc, tr carb mat
4890'	4920'	Sh (75%) as abv; ss (25%) gy, slty-vf, sbang-sbrd, well cons, tt, shly, sl Ost, NOSCOF
4920'	5130'	Sltst & sh, brn, gy& gygn, hd, brit in pt, tr carb mat; wide scat ss, slty-vf, hd & tt, tr p fluor/p cut
5130'	5180'	Sltst & sh (50-80%) as abv; ss (20-50%) slty, gy, hd & tt, no por, calc, scat yel fluor/p cut
5180'	5290'	Pred sltst & sh as abv
5290'	5300'	Sltst & sh (80%) as abv; ss (20%) lt tan, slty-vf, sbang-sbrd, cons, pred tt, scat friab, calc, Ost, scat 0 stn, p fluor/p-fr cut
5300'	5430'	Pred sltst & sh as abv
5430'	5460'	Sltst & sh (70%) as abv; ss (30%) gy, slty-vf, sbang-sbrd, cons, tt, calc, tr 0 stn, scat p yel fluor/p cut
5460'	5470'	Sltst & sh (60%) as abv; ss (40%) gy, vf, sbang-sbrd, cons, pred tt, sl calc, scat accy mnrls, fr srt, scat yel fluor/p-fr cut, tr 0 stn
5470'	5530'	Pred sltst & sh, gy, gygn & brn, hd, brit in pt, sdy in pt, sl calc, tr carb mat; wide scat ss, vf, hd & tt
5530'	5580'	Sh (60-70%) as abv; ss (30-40%) lt gy-lt tan, vf, sbang-sbrd, well cons, hd & tt, calc, cln in pt, mnr accy mnrls, yel fluor, fr stn, fr cut
5580'	5620'	Slt st & sh as abv
5620'	5630'	Sltst & sh (65%) as abv; ss (35%) gy, vf, sbang-sbrd, cons, pred tt, cln-sl calc, mnr 0 stn, g yel fluor/fr cut

5630'	5640'	Sltst & sh (80%); ss (20%) as abv/scat fluor as abv
5640'	5650'	Sltst & sh (75%) as abv; ss (25%) lt tan, vf, sbang-sbrd, cons, pred tt, sl Ost, calc, p por, O stn, fr fluor/fr cut
5650'	5710'	Sltst & sh (80%) gy, gygn/scat brn, sl calc, hd, Ost in pt; ss (20%) gy, slty-vf, sbang-sbrd, cons, pred tt, cln in pt, scat O stn, fr yel fluor/p-fr cut
5710'	5730'	Sltst & sh (40%) as abv; ss (60%) lt gy, slty-vf, sbang-sbrd, cons, tt-friab, cln, scat dk accy mnrls, fr srt, sl calc, NOSCOF
5730'	5740'	Poor spl after trip
5470'	5760'	Pred sltst & sh, gy, gy brn & gygn, hd, sl calc, Ost in pt, sdy in pt, tr carb mat
5760'	5780'	Sltst & sh (80%) as abv; ss (20%) vf, sbang-sbrd, well cons, hd & tt, limy, pred Ost, NOSCOF
5780'	5790'	Sltst & sh (70%) as abv; ss (30%) as abv, tr p fluor/p cut in m sdy pieces
5790'	5820'	Sltst & sh (60%) as abv; sh (40%) gy-lt tan, Ost, shly, sdy in pt, calc, tr O stn & frac faces
5820'	5830'	Sh (30%) as abv; ss (70%) lt tan-gy, vf-f, sbang-sbrd, v abnt Ost, hd & tt, calc, shly in pt, pr srt, tr p yel fluor/p cut
5830'	5840'	Sh (20%) as abv; ss (60%) as abv; ss (20%) lt gy, vf, sbang-sbrd, cons, firab-tt, sl calc, sl Ost, scat wk yel fluor/p cut
5840'	5860'	Sh (80%) as abv, sdy , abnt Ost; ss (20%) as abv Ost
5860'	5880'	Sh (60%) as abv; ss (40%) gy, vf-f, sbang-sbrd, Ost, calc, well cons, hd & tt, scat p yel fluor/p cut
5880'	5940'	Pred sh, gy, gn, gygn/scat brn, Ost in pt, calc-sl calc, sdy in pt

Form approved.
Budget Bureau No. 42-R355.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE UTAH
LEASE NUMBER WHITE RIVER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County UINTAH Field

The following is a correct report of operations and production (including drilling and producing wells) for the month of MAY, 19 65,

Agent's address P. O. BOX 1964
Grand Junction, Colo.

Company BELCO PETROLEUM CORP.

Signed ORIGINAL SIGNED BY A. FRISCH

Phone 242-7202

Agent's title District Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
					Total Gas Vented:				3,704	
					Gross Oil Produced:				10,281.31	
					Gross Oil Sold:				10,281.31	
PARACHUTE CREEK PARTICIPATING AREA										
10 SWNW	8S	22E	17	32			100,832			Dual Oil-Gas Well
9 NESW	8S	22E	20	32			29,066			"
3 SWSE	8S	22E	30	32			27,404			"
4 SWSE	8S	22E	31	27			54,051			
					Total Gas Production:				211,353	
					Total Gas Sold:				202,623	
					Total Gas for Lease Use:				8,730	
					Total Gas Vented:				-0-	
3 NESW	8S	22E	33		Released Rig 5/5/65.		Oper. Temporarily Suspended.			

cc: 2 - USGS 1 - Conoco, Durango 1 - Pullin 1 - Mtn. Fuel, SL
2 - UOGCC 2 - Gulf, Casper 1 - DCB
2 - NY 2-Caloil (Vernal, Denver) 2 - File

NOTE.—There were ____ runs or sales of oil; ____ M cu. ft. of gas sold; ____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

U.S. GOVERNMENT PRINTING OFFICE: 1964—O-729-784

CL1-51 (REV. 1964)
PRAIRIE PUBLISHING CO.—80171

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	California Oil Company	LAB NO.	21142 REPORT NO
OPERATOR	Belco Petroleum Corporation	LOCATION	NE SW 3-8S-22E
WELL NO.	Unit 33-3	FORMATION	Green River (La)
FIELD	White River	INTERVAL	Perfs: 5813
COUNTY	Uintah	SAMPLE FROM	Swabbing
STATE	Utah	DATE	May 27, 1965

REMARKS & CONCLUSIONS: Clear water.

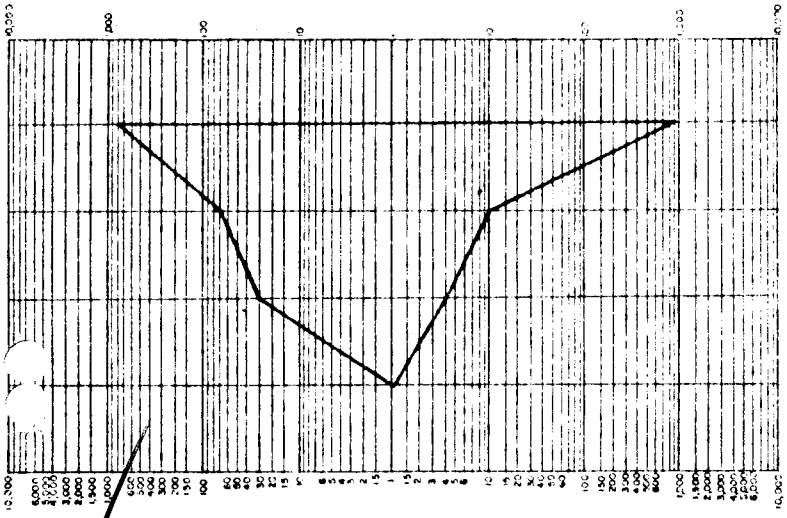
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	19,965	868.42	Sulfate	235	4.89
Potassium	57	1.46	Chloride	34,000	958.80
Lithium	10	1.44	Carbonate	-	-
Calcium	1,451	72.40	Bicarbonate	647	10.61
Magnesium	372	30.58	Hydroxide	-	-
Iron	Present	-	Hydrogen sulfide	Absent	-
Total Cations		974.30	Total Anions		974.30

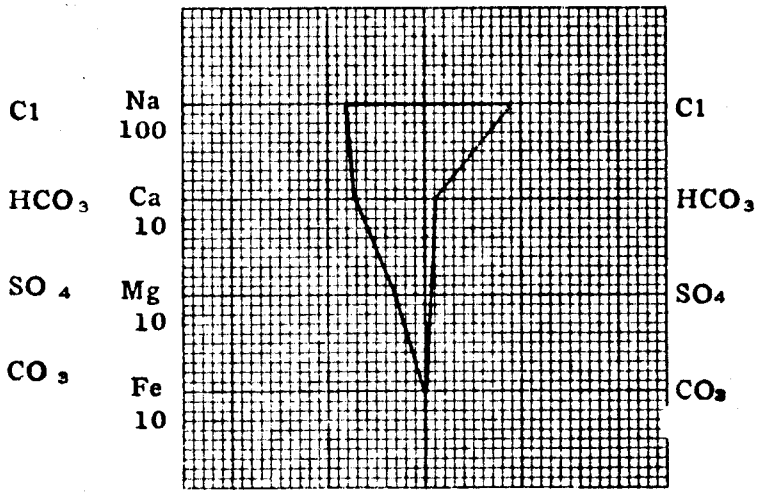
Total dissolved solids, mg/l	56,409	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	56,447	Observed	0.139 ohm-meters
Observed pH	7.3	Calculated	0.138 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC





(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter (ppm). Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CL1-S1 (REV. 1964)
PRAIRIE PUBLISHING CO.—80171

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	California Oil Company	LAB NO.	21081-3 REPORT NO.
OPERATOR	Belco Petroleum Corporation	LOCATION	NE SW 3-8S-22E
WELL NO.	33-3 White River Unit	FORMATION	Green River
FIELD	Red Wash	INTERVAL	4738-4765
COUNTY	Uintah	SAMPLE FROM	DST No. 4
STATE	Utah	DATE	May 12, 1965

REMARKS & CONCLUSIONS: Cloudy water, clear filtrate.
Recovered 1500 feet water with scum oil.

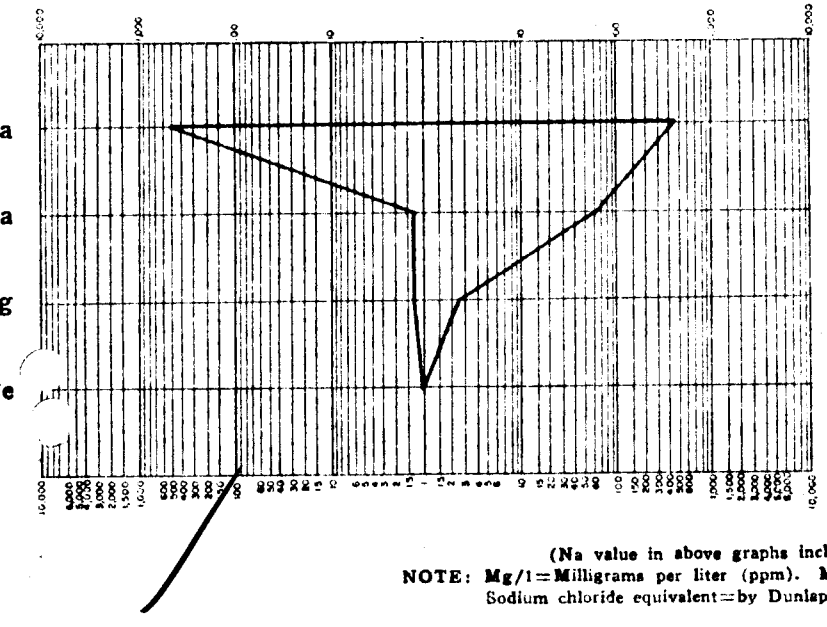
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	12,964	563.89	Sulfate	125	2.60
Potassium	57	1.46	Chloride	17,600	496.32
Lithium	10	1.44	Carbonate	trace	-
Calcium	27	1.35	Bicarbonate	4,246	69.63
Magnesium	5	0.41	Hydroxide	-	-
Iron	present	-	Hydrogen sulfide	absent	
Total Cations		568.55	Total Anions		568.55

Total dissolved solids, mg/l	32,879	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	31,876	Observed	0.220 ohm-meters
Observed pH	8.3	Calculated	0.240 ohm-meters

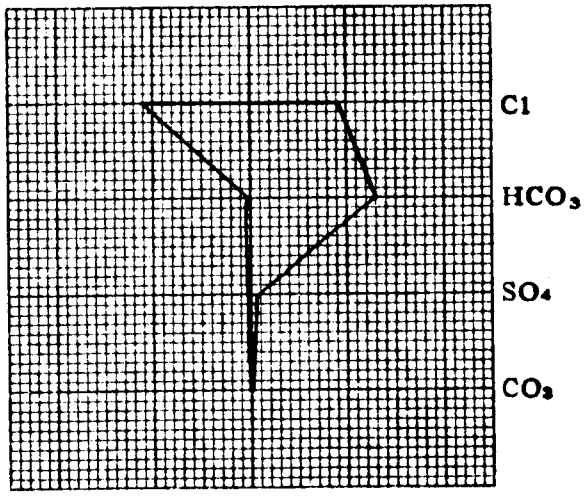
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter (ppm). Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CL1-51 (REV. 1964)
PRAIRIE PUBLISHING CO.—90171

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	California Oil Company	LAB NO.	21081-1 REPORT NO
OPERATOR	Belco Petroleum Corporation	LOCATION	NE SW 3-8S-22E
WELL NO.	33-3 White River Unit	FORMATION	Green River
FIELD	Red Wash	INTERVAL	4165-4209
COUNTY	Uintah	SAMPLE FROM	DST No. 1
STATE	Utah	DATE	May 12, 1965

REMARKS & CONCLUSIONS: Muddy water, clear yellow filtrate.
Recovered 2165 feet fluid; 90 feet MCW; 2075 feet water.

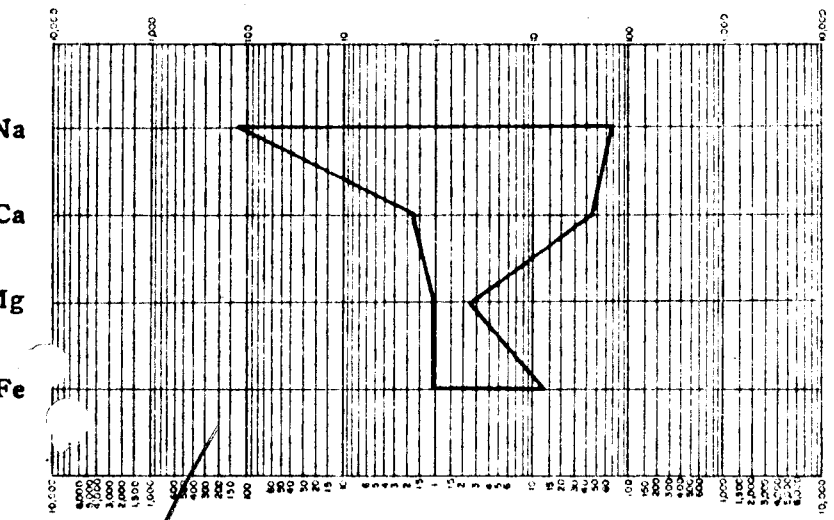
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	2,943	128.00	Sulfate	118	2.45
Potassium	16	0.41	Chloride	2,530	71.35
Lithium	6	0.86	Carbonate	444	14.79
Calcium	39	1.95	Bicarbonate	2,660	43.62
Magnesium	12	0.99	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	
Total Cations		132.21	Total Anions		132.21

Total dissolved solids, mg/l	7,418	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	6,893	Observed	0.94 ohm-meters
Observed pH	8.8	Calculated	0.96 ohm-meters

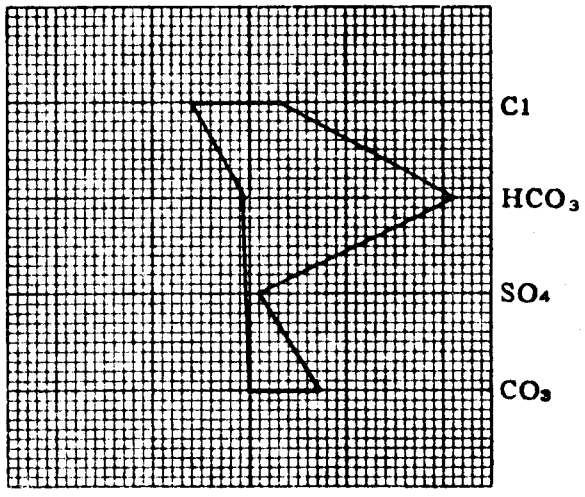
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter (ppm). Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CL1-51 (REV. 1964)
PRAIRIE PUBLISHING CO.—80171

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	California Oil Company	LAB NO.	21081-2 REPORT NO.
OPERATOR	Belco Petroleum Corporation	LOCATION	NE SW 3-8S-22E
WELL NO.	33-3 White River Unit	FORMATION	Green River
FIELD	Red Wash	INTERVAL	5733-5782
COUNTY	Uintah	SAMPLE FROM	DST No. 3
STATE	Utah	DATE	May 12, 1965

REMARKS & CONCLUSIONS: Muddy water, clear yellow filtrate. Recovered 470 feet fluid; 200 feet slightly GCM; 270 feet GCM, possibly slightly water cut w/scum oil. Sample from 90 feet above tool.

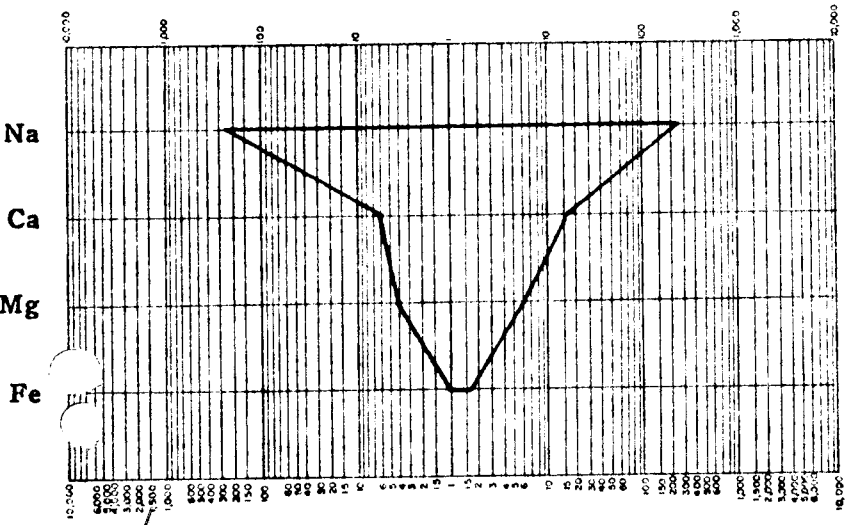
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	6,714	292.04	Sulfate	308	6.41
Potassium	65	1.66	Chloride	10,000	282.00
Lithium	10	1.44	Carbonate	48	1.60
Calcium	134	6.69	Bicarbonate	976	16.01
Magnesium	51	4.19	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	
Total Cations		306.02	Total Anions		306.02

Total dissolved solids, mg/l	17,811	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	17,496	Observed	0.378 ohm-meters
Observed pH	8.5	Calculated	0.390 ohm-meters

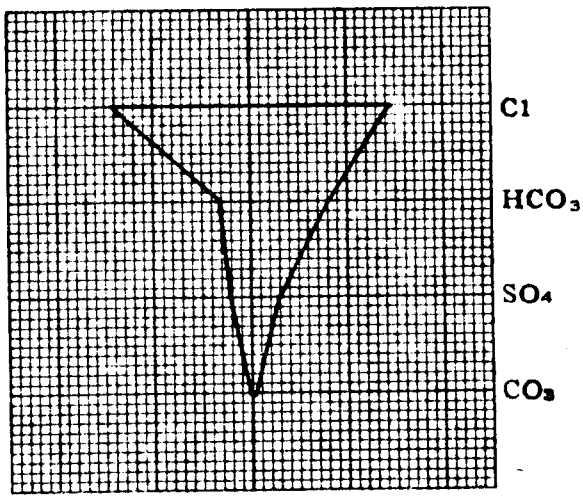
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter (ppm). Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

FORM OGCC-8-X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: White River Unit #33-3

Operator Belco Petroleum Corp. Address Grand Jct.,Colo. Phone 242-7202

Contractor Exeter Drlg. Co. Address Denver, Colo. Phone _____

Location ¼ ¼ Sec. 3 T. 8S N/S R. 22E E/W Uintah County, Utah.

Water Sands:

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1	5817	5829	Swabbed 24 bph	Salty
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

Green River	2605'
Wasatch	5931'

Remarks:

NOTE:
(a) Upon diminishing supply of forms, please inform the Commission.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

June 14, 1965

Belco Petroleum Corporation
P. O. Box 1964
Grand Junction, Colorado 81502

Attention: A. Frisch, District Superintendent

Re: Well Nos. White River Unit #29-3
White River Unit #31-4
White River Unit #33-3
Uintah County, Utah

Gentlemen:

We are in receipt of your well logs for the above mentioned wells. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

Enclosure - Forms

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

March 30, 1966

Belco Petroleum Corporation
304 Main Street
Grand Junction, Colorado

Gentlemen:

On March 25, we visited your producing operations in the White River (Unit) area and found everything in good order and operations being conducted in a workmanlike manner. Following is a list of a few minor items that we noted do need some remedial work:

(1) Well 31-4, SW¼SE¼ sec. 4, T. 8 S., R. 22 E.

A well sign should be erected and the spilled oil in the draw in this area needs cleaned up.

(2) Well 33-3, NE¼SW¼ sec. 3, T. 8 S., R. 22 E.

A well sign should be erected, the tubing should be capped in a permanent manner, and the small amount of trash over the edge of the location should be picked up.

(3) Well 24-10, NE¼SW¼ sec. 10, T. 8 S., R. 22 E.

The spilled oil at the location and the spilled out about 100 yards north of the well where the gathering line was "blown" should be cleaned up. If you will "blow" the line at this point occasionally, a permanent sump should be built and fenced.

(4) The disposal pit at your central battery should be fenced and the oil scum burned off occasionally to allow more rapid water evaporation.

(5) The sumps at the water bleed-off points on the Warren pipeline leading from your central battery should be fenced.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO.: U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: White River

8. FARM OR LEASE NAME:

2. NAME OF OPERATOR: Belco Petroleum Corporation

9. WELL NO.: White River No. 13-3

3. ADDRESS OF OPERATOR: P.O. Box 250, Big Piney, Wyoming 83113

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

1691' FSL, 1923' FWL, Section 3, T8S, R22E, SLB&M

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 3, T8S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5128' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Convert to water injection well			[X]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD - 5938' PBTD 5887' Perforations: @ 5813' - 8 holes.
Casing: 5-1/2", 14.0# & 15.5#, J-55 set @ 5918' and cemented with 350 sacks Posmix cement.

Propose to convert to water injection well for Green River formation. Will perforate 5-1/2" casing from 5815'-5825' with 4 holes per foot and acidize thru perforations at 5813' and 5815'-5825' with 500 gallons 15% HCl acid. Will swab to clean up well and install wellhead equipment. The 5-1/2" casing will be pressure tested to 2000 psi prior to commencing water injection at approximately 2000 barrels water per day.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 8-20-69

BY

IN ACCORDANCE WITH CAUSE NO. 138-1

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE District Engineer DATE August 15, 1969

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Water Injection Well

7. UNIT AGREEMENT NAME: White River Unit

2. NAME OF OPERATOR: Belco Petroleum Corporation

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P.O. Box 250, Big Piney, Wyoming 83113

9. WELL NO.: White River Unit No. 33-3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1691' FSL, 1923' FWL, Section 3, T8S, R22E, NE¼ SW¼

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 3, T8S, R22E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5128' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Converting to WI Well			XX
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

TD - 5938' PBTD - 5887' Perforations: @ 5813' with 8 holes

Casing: 5-1/2", 14.0# & 15.5#, J-55 landed at 5918' and cemented with 350 sacks Poxmix cement.

Perforated from 5815'-25' with 4 SPF. Ran tubing with packer. Acidized thru perforated intervals @ 5813' and 5815'-25' with 500 gallons 15% HCl. Pressure tested 5-1/2" casing to 2000 psi. Installed wellhead and water injection equipment.

Commenced water injection on November 21, 1969 at 1000 barrels water per day.

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE District Engineer DATE 1/30/70

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: BELCO PETROLEUM

FIELD: ~~WALKER HOLLOW~~ White River LEASE: _____

WELL # White River 33-3 SEC. 3 TOWNSHIP 8S RANGE 22E

STATE FED. FEE DEPTH _____ TYPE WELL WI MAX. INJ. PRESS. _____

TEST DATE 7/12/83

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE					Not exposed	test next time
INTERMEDIATE						
PRODUCTION				0		
TUBING				1100 psi		

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
BELCO DEVELOPMENT CORPORATION

ADDRESS P.O. BOX X,
VERNAL, UTAH ZIP 84078

INDIVIDUAL ___ PARTNERSHIP ___ CORPORTATION X

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE WRU 33-3 WELL

SEC. 3 TWP. 8S RANGE 22E

Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL ☐
DISPOSAL WELL ☐

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name: WHITE RIVER UNIT	Well No.: 33-3	Field: WHITE RIVER	County: UINTAH
Location of Enhanced Recovery Injection or Disposal Well: NE/SW	Sec.: 3	Twp.: 8S	Rge.: 22E
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☐ No ☒ EXISTING	Casing Test: Yes ☐ No ☐ Date ____	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 100	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☒ NO ☐	State What: OIL	
Location of Injection Source(s): ON LEASE	Geologic Name(s) and Depth of Source(s): GREEN RIVER ±5800'		
Geologic Name of Injection Zone: GREENRIVER	Depth of Injection Interval: 5813 to 5815		
a. Top of the Perforated Interval: 5813	b. Base of Fresh Water: 100'	c. Intervening Thickness (a minus b): 5713'	

Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES X NO

Lithology of Intervening Zones: SAND AND SHALE

Injection Rates and Pressures

Maximum 300 B/D
1,200 PSI

5931
2605
3326

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

GULF OIL CORPORATION
BUREAU OF LAND MANAGEMENT VERNAL, UTAH

State of Utah)
County of Uintah)

J. Ball
Applicant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 6th day of Oct, 1983

SEAL

Kathy Knutson
Notary Public in and for State of Utah

My commission expires 7-29-85

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

1. Attach qualitative a quantitative analysis of fresh water fro.. or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.

2. Attach qualitative and quantitative analysis of representative sample of water to be injected.

3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.

4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)

5. Attach Electric or Radioactivity Log of Subject well (if released).

6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, Intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.

7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.

8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.

9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.

10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.

11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.

12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.

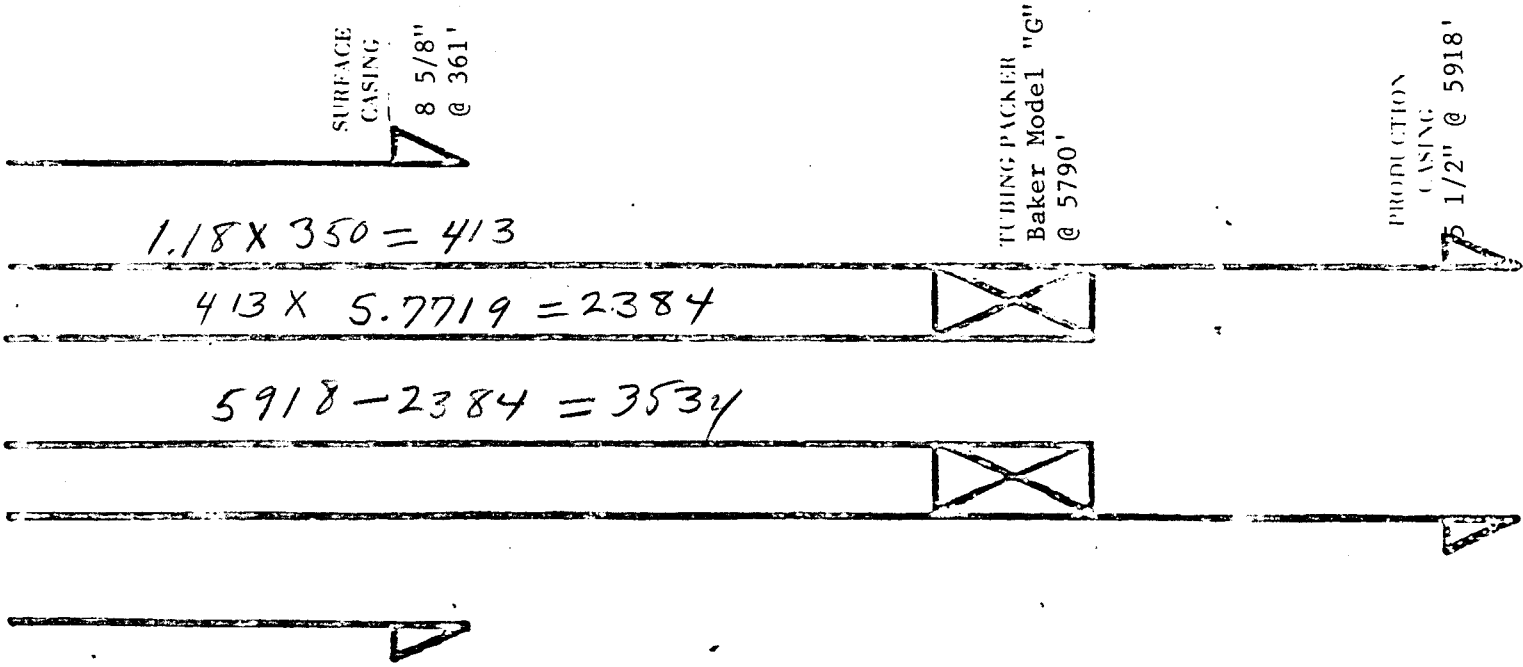
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8 5/8"	361'	285	Surface	Visual
Intermediate					
Production	5 1/2"	5918'	350	3534	
Tubing	2 7/8"	5788'	Name - Type - Depth of Tubing Packer BAKER MODEL "G" @ 5790'		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
5938'	GREENRIVER	5813'	5825'

SKETCH - SUBSURFACE FACILITY



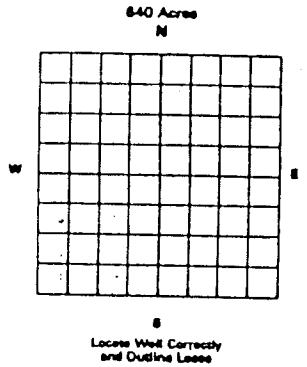
Form OGM-3 (B) 2

(To be filed within 30 days after drilling is completed)

COUNTY LEASE NO.

DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO



COUNTY Uintah SEC. 3 TWP. 8s RGE. 22E

COMPANY OPERATING BELCO DEVELOPMENT CORPORATION

OFFICE ADDRESS P.O. BOX X,

TOWN VERNAL, UT STATE ZIP 84078

FARM NAME WHITE RIVER WELL NO. 33-3

DRILLING STARTED 4/1 19 65 DRILLING FINISHED 4/18 19 65

DATE OF FIRST PRODUCTION 5/3/65 COMPLETED 5/3/65

WELL LOCATED ¼ NE¼ SW¼

371' FT. FROM SL OF ¼ SEC. & 603' FT. FROM WL OF ¼ SEC.

ELEVATION DERRICK FLOOR 5128' GROUND 5116'

TYPE COMPLETION

Single Zone X Order No.

Multiple Zone Order No.

Comingled Order No.

LOCATION EXCEPTION Order No. Penalty

OIL OR GAS ZONES

Name	From	To	Name	From	To
Greenriver	5813	5825			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
5 1/2"	14	K-55	5918'				

TOTAL DEPTH 5938'

PACKERS SET DEPTH BAKER MODEL "G" @ 5790'

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	GREENRIVER		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	INJECTION WELL		
PERFORATED	5813-25'		
INTERVALS			
ACIDIZED?	500 gals 15%		
FRACTURE TREATED?	15,000# 20/40 sd 1,000# 8/12 beads		

INITIAL TEST DATA

Date	5-3-65		
Oil. bbl./day	Trace		
Oil Gravity	-		
Gas. Cu. Ft./day	Trace CF	CF	
Gas-Oil Ratio Cu. Ft./Bbl.	-		
Water-Bbl./day	576 bbls		
Pumping or Flowing	Swab		
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and compl according to the records of this office and to the best of my knowledge and belief.

Telephone J. Ball Dist Engineer
Name and title of representative of company

Subscribed and sworn before me this day of , 19 .

SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765
P.O Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

COMPANY Belco Development Inc. ADDRESS Vernal, Utah DATE: 7-5-83

SOURCE WRWF Water Injection DATE SAMPLED 7- 1-83 ANALYSIS NO. 1136

	Analysis	Mg/l (ppm)		*Meq/l	
1. PH	7.3				
2. H_2S (Qualitative)	30.0 ppm				
3. Specific Gravity	1.0155				
4. Dissolved Solids					
5. Suspended Solids					
6. Anaerobic Bacterial Count	Initiated Culture C/Ml				
7. Methyl Orange Alkalinity ($CaCO_3$)		880			
8. Bicarbonate (HCO_3)	HCO_3	1,074	÷61	18	HCO_3
9. Chlorides (Cl)	Cl	10,620	÷35.5	299	Cl
10. Sulfates (SO_4)	SO_4	20	÷48	0	SO_4
11. Calcium (Ca)	Ca	180	÷20	9	Ca
12. Magnesium (Mg)	Mg	36	÷12.2	3	Mg
13. Total Hardness ($CaCO_3$)		600			
14. Total Iron (Fe)		0.1			
15. Barium (Qualitative)		0			
16. Phosphate Residuals					

*Milli equivalents per liter

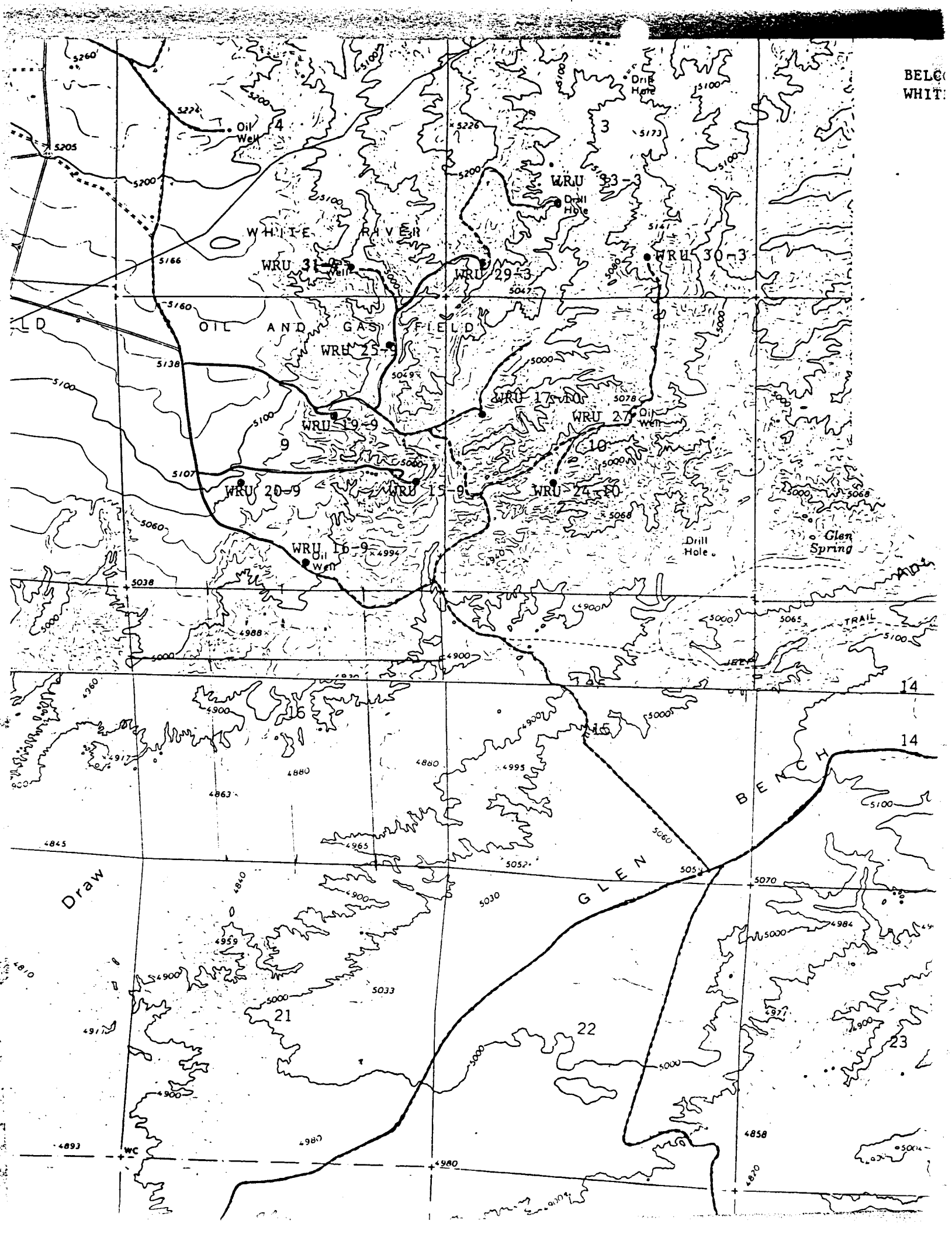
PROBABLE MINERAL COMPOSITION

9	Ca	←	HCO_3	18
3	Mg	→	SO_4	0
305	Na	→	Cl	299

Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	9	729
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	3	220
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00	6	504
Na_2SO_4	71.03		
NaCl	58.46	299	17,480

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS


WHITE RIVER
OIL AND GAS FIELD
WRU 31-3
WRU 29-3
WRU 33-3
WRU 30-3
WRU 25-9
WRU 17-10
WRU 27-10
WRU 19-9
WRU 20-9
WRU 15-9
WRU 24-10
WRU 16-9
Oil Well
Drill Hole
Glen Spring
TRAIL
GLEN BENCH
Draw
WC

FORM NO. DOGM-UIC-8
(1981)

RULE I-4

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114
(801) 533-5771

INVENTORY OF AUTHORIZED EXISTING ENHANCED RECOVERY WELLS

NAME OF WELL	STATUS*	LOCATION OF WELL	AUTHORIZING ORDER NO.	FORMATION NAME	MAX. AUTH. INJECTION RATE (BPD)	MAX. AUTH. INJECTION PRESS. (PSI)	DEPTH OF INJECTION
WRU 29-3	OP	Sec 3, T8S, R22E		Green River			+5800'
WRU 30-3	OP	Sec 3, T8S, R22E		Green River			±5800'
WRU 33-3	OP	Sec 3, T8S, R22E		Green River			±5800'

Operator: BELCO DEVELOPMENT CORPORATION

Address: P.O. BOX X, VERNAL, UTAH 84078

*TA = Temp. Aband.
SI = Shut In
Op = Operating

Signature of Duly Authorized Representative

10/6/83
Date

CLASS II FILE NOTATIONS

* * * *

DATE FILED: 4/5/85 OPERATOR: Belco WELL NO. 30-3

Sec. 3 T. 8S R. 22E QRT/QRT: SWSE COUNTY: Uintah

New Well? ____ Conversion? ✓ Disposal ____ Enhanced Recovery ____

* * * * * * * *

SURETY/Bond? ✓ Card Indexed? ✓ API Number: 43-047-15029

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? yes

Plat identifying location and total depth of the following, Rule I-5(b)(1): ____

Surface Owner(s): 1 Operators: 1 water well(s) 2, ~~abandoned~~ injection well(s) 0, producing wells or drilling well(s) 0, dry holes ____.

Completed Rule I-5(b)(2)? NR, (i) ____, (ii) ____

Schemetic diagram of Well: TD: 5939, PBTD: ____, Depth of Inj/Disp interval: 5818-5823, geologic name of inj/dis interval Wasatch, Casing and cement: top 4170, bottom 5939, Size of: casing 8⅝ at 260 5½ at 5939 tubing 2⅞ at 5930, depth of packer: 5930. Assessment of existing cement bond: ____

Location of Bottomhole: SWSE. MAXIMUM INJECTION RATE: 500 BWPD MAXIMUM SURFACE INJECTION PRESSURE: 1100 PSI.

Proposed Operating Data:

Procedure for controlling injection rates and pressures: switches & injectors Geologic name: Wasatch, depth, 2605, location of injection fluid source. Analysis of water to be injected ____ tds, water of injection formation 28,629 Avg tds., EXEMPTION REQUIRED? no.

Injection zone and confining zone data: lithologic description sand & shale, geologic name Wasatch, thickness 3326, depth 2605, lateral extent ____

USDW's that may be affected by injection: geologic name Duchesne River/Uinta ~~lateral~~ extent 5D1S, depth to the top and bottom of all known USDW's 100' dup.

Uinta

Contingency plans? ____.

Results of formation testing? None.

Description of mechanical integrity test 1000 PSI 15 min injection procedure ____.

* * * * * * *

CHECKED BY: UIC ADMINISTRATOR: ____

UIC GEOLOGIST: ____

Application Complete? ____ Notice Published ____, Date: 1/1.

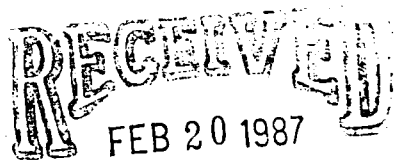
DIRECTOR: Approved? ____, approval letter sent ____, Requires hearing ____.

ENRON
Oil & Gas Company

#33 Sec. 3 T8S R22E

P.O. Box X, Vernal, Utah 84078, Telephone (801) 789-0790

February 16, 1987



DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
355 W. North Temple
Salt Lake City, Utah

Attention: Ron Firth

Dear Mr. Firth:

This is to advise that Enron Oil and Gas has acquired the assets of the following companies:

Belco Development Corporation
Belco Petroleum - North America, Inc.
BelNorth Energy Corporation
BelNorth Petroleum Corporation
FEC Offshore Inventory Company
Florida Exploration Company
HNG Exploration Company
HNG Fossil Fuels Company
HNG Oil Company
HNG Oil (Sumatra) Inc.
IN Holdings, Inc.
InterNorth Exploration and Production Division
Ocelot Oil Company
Smitheastern Exploration Company

It is requested that all leases and well names be changed to reflect the new names. A list of affected lease numbers and well names is attached. Also, the bonding should be transferred to Enron Oil and Gas. Enron Oil and Gas Company, A Delaware Corporation, is wholly owned by Enron Corporation.

It is requested that 90 days be granted to have all the wells signs changed.

Also, attached is legal evidence of this ownership. If there are any questions or other information is needed please contact J. C. Ball at 789-0790 in the Vernal Office.

Sincerely yours,

J. C. Ball
District Superintendent

JCB:jl
cc A. C. Morris
D. Weaver
File
J. C. Ball
D. Wright

14-34

WHITE RIVER UNIT

WELL #	LEASE #	SECTION	TOWNSHIP	RANGE
"B"	U02510A			
3	UTAH 0629	25	8S	22E
15	UTAH 058	9	8S	22E
16	UTAH 058	9	8S	22E
17X	UTAH 029649	10	8S	22E
19X	UTAH 0971	9	8S	22E
20	UTAH 058	9	8S	22E
24	UTAH 058	10	8S	22E
25	UTAH 0971	9	8S	22E
27	UTAH 029649	10	8S	22E
29X	UTAH 02510A	3	8S	22E
30X	UTAH 02510A	3	8S	22E
31X	UTAH 02510A	4	8S	22E
33X	UTAH 02510A	3	8S	22E
43	ML 22049	16	8S	22E
45	ML 22049	16	8S	22E
46	U 43915	9	8S	22E
47	U 43915	10	8S	22E

STAGECOACH UNIT

1	UTAH ML 3085	32	8S	22E
2	UTAH 0803	28	8S	21E
3	UTAH 0283	8	9S	22E
6	INDIAN 14-20-462-448	20	9S	21E
10-23	UTAH 025963	23	8S	21E
11-22X	UTAH 025960	22	8S	21E
12-23X	UTAH 025963	23	8S	21E
14-34	U 9613	34	8S	21E
15-27	U 0803	27	8S	21E
18-17	PATENTED	17	9S	22E
19-33	U 9613	33	8S	21E
21-8	U 0283	8	9S	22E
23-21 FED	U 025960	21	8S	21E
22-17	INDIAN 14-20-462-448	17	9S	22E

(November 1983)
(Formerly 9-331)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: WHITE RIVER

8. FARM OR LEASE NAME: WRU

9. WELL NO.: 33-3

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 3, T8S, R22E

12. COUNTY OR PARISH: UINTAH

13. STATE: UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER WATER INJECTION WELL

2. NAME OF OPERATOR: ENRON OIL & GAS CO.

3. ADDRESS OF OPERATOR: P.O. BOX 1815, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1,691 FSL & 1,923' FWL NE 1/4 SW 1/4

RECEIVED
FEB 26 1988
DIVISION OF OIL, GAS & MINING

14. PERMIT NO.: 43-047-15091

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5,128

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE DISTRICT SUPERINTENDENT DATE FEB. 11, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2-24-88
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

WHITE RIVER 33-3
White River
Uintah Co., Utah
Sec 3, T8S, R22E
PBTD 5,887'
J. W. Gibson
ENRON WI 67.33%

01/11/88 DAY #1 (5,813-5,825') P & A
Moved in. RU Pulling Unit. RU pump trace lines. Attemped to break out well head. Close well in. SDFN. Daily Cost $1,180 CUM Cost $1,180

.

01/12/88 DAY #2 (5,813-5,825') P & A
Broke out well head. Unable to release Baker Model "G" PKR. NU BOPE. RU Pomrenke. Shot TBG off @ 5,709' w/2 1/4 jet cutter leaving in hole 5 1/2 Model "G" PKR & 79' 2 7/8 TBG. RD Pomrenke. Circ & change well over to 9.4 ppg mud. Closed well in. SDFN
Daily Cost $2,876 CUM Cost $4,056

01/13/88 DAY #3 (5,813-5,825') P & A
RU Halliburton. Mixed & pumped 55 sxs Class "H" cmt w/2% $CaCl_2$. Displaced w/30 BBLS mud. POOH w/15 stands TBG. Reverse circ. WOC 4 hrs. Lowered TBG. Tagged top of cmt @ 5,583'. POOH & stood back 40 stands & laid dwn remaining TBG. Closed well in. SDFN Daily Cost $1,860 CUM Cost $5,916

01/14/88 DAY #4 (5,813-5,825') P & A
RU Pomrenke. Attempted to run 4" gun, unable to get past 710'. POOH w/wireline. RIH w/tbg equipped w/4 1/2 swage on BTM to 2,500'. Circ well. POOH w/tbg. RIH w/4" guns. Shot 4 - 1/2" holes in 5 1/2" csg @ 2,800'. RD Pomrenke. RIH w/tbg equipped w/cmt retainer & set @ 2,525'. RU Halliburton. Est. rate & press w/5 bbls wtr @ 3 BPM w/800 psi. Mixed & pumped 150 sxs class "H" cmt. Displaced w/13 bbls mud. Unstung f/retainer, spotting 8 sxs on top of retainer. POOH & stood back 7 stands & ld dwn remaining tbg. N.D. BOPE. RIH w/7 stands & 1 single. RU Halliburton to 8 5/8 annulus. Pumped into 8 5/8 @ 600#. Well leaks f/8 5/8 below ground level. Unable to pump cmt at annulus. POOH. LD dwn 15 jts tbg. N.U. BOPE. SDFN
Daily Cost $2,795 CUM Cost $8,711

01/15/88 DAY #5 (5,813-5,825') P & A
RU Pomrenke. 4" perf gun stacks out @ 297". Unable to go deeper. Attempted to run 3" perf gun able to go past 297'. PU & RIH w/15 jts tbg equipped w/4 1/2" swage on BTM. Circ well w/wtr. POOH LD dwn 15 jts tbg. RIH w/3" perf guns shot 4 - 1/2" holes @ 460'. RD Pomrenke. RU Halliburton. Mixed & pumped 160 sxs class "H" cmt dwn 5 1/2 csg & circ cmt to surf up 8 5/8 annulus. RD Halliburton. RD pulling unit. Well P & A'd. Final report. Moved rig to WRU 30-3.
Daily Cost $10,615 CUM Cost $19,326

2/19/88 Dry hole marker installed.